

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Robert SEEMAYER, et al.

Serial No.: 10/679,961

Group No. 1625

Filed: October 6, 2003

Examiner: P. Morris

For: PROCESS FOR THE PREPARATION OF (S,S)-CIS-2-BENZHYDRYL-3-BENZYLAMINOQUINUCLIDINE

Attorney Docket No.: U 014840-0

Commissioner for Patents  
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We draw the attention of the Examiner to the attached English-language version of an Action or International-type Search Report from a foreign office in respect of counterpart International Application No. US03/32275 that indicates the degree of relevance found by the foreign office. The Search Report makes consideration of any non-English art required. MPEP 609.

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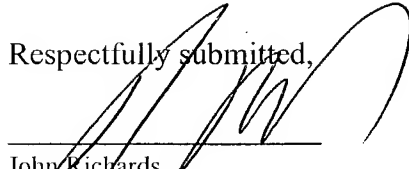
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Form PTO-1449 is also attached with reference copies despite prior citation of the U.S.  
patent.

Respectfully submitted,



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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/32275

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07D 453/02

US CL : 546/133, 137

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

OCT 27 2004

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 546/133, 137

OFFICE OF PETITIONS

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
STN STRUCTURE SEARCH, CAPLUS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SEWARD, E.M. et al.: Quinuclidine-based NK-1 antagonists I: 3-benzyloxy-1-azabicyclo[2.2.2]octanes. Bioorg. & Medicn. Chem. Lett. 1993, Vol. 3, No. 6, pages 1361-1366, especially compounds 16 and 17 on page 1363.	31-34
A	US 5,162,339 A (LOWE, J.A.) 10 November 1992 (10.11.1992), column 14, lines 45-57.	1-30

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;"

document member of the same patent family

Date of the actual completion of the international search

17 February 2004 (17.02.2004)

Date of mailing of the international search report

17 MAR 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
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Authorized officer

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Form PCT/ISA/210 (second sheet) (July 1998)

FORM PTO-1449 U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	U 014840-0	10/679,961
	APPLICANT	
	Robert SEEMAYER, et al.	
	FILING DATE	GROUP
	October 6, 2003	1625

U.S. PATENT DOCUMENTS					
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
	AA	5,162,339	10/1992	LOWE, III	
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
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	AK				

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FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AL					
	AM					
	AN					
	AO					
	AP					

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)		
AR	Seward, E. M., "Quinuclidine-Based NK-1 Antagonists I: 3-Benzoyloxy-1-Azabicyclo[2.2.2]Octanes", <i>Bioorganic &amp; Medical Chemistry Letters</i> , Vol. 3, No. 6, pp. 1361-1366, 1993	
AS		
AT		

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	